

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L2 | 1 | (non\$1coherent adj combin\$5) same (cross \$1correlat\$3) same threshold | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:51 |
| L3 | 1 | ((non\$1coherent adj combin\$5) same (cross \$1correlat\$3)) and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:52 |
| L4 | 9 | ((non\$1coherent adj combin\$5) same (cross \$1correlat\$3)) | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:52 |
| L5 | 1 | (non\$1coherent adj combin\$5) and ((cross \$1correlat\$3) same threshold) | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:53 |
| L6 | 181 | combin\$5 same (cross \$1correlat\$3) same threshold | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:58 |
| L7 | 12 | 6 and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/27 08:58 |
| L8 | 130 | ((average or mean) with (phase adj (differen \$4 or offset))) same (estimat\$3 with frequenc \$3) | US-PGPUB; USPAT | OR | ON | 2009/04/27 09:12 |
| L9 | 32 | 8 and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/27 09:12 |
| L10 | 13 | 8 and (frame adj synchronization) | US-PGPUB; USPAT | OR | ON | 2009/04/27 09:19 |
| L11 | 25 | compar\$4 same (abs or (absolute adj value)) same (compensat\$3 with frequenc\$3 with (error\$1 or offset)) | US-PGPUB; USPAT | OR | ON | 2009/04/27 09:31 |
| L12 | 3 | 11 and cell | US-PGPUB; USPAT | OR | ON | 2009/04/27 09:32 |
| L15 | 1 | (hyoung\$1soo or choong \$1il or yu\$1ro or dong \$1seung or seung\$1ku). inv. and (ofdm and cyclic and preamble). clm. | US-PGPUB; USPAT | OR | ON | 2009/04/27 11:50 |

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|-----|-----|--|------------------------------|----|----|---------------------|
| S1 | 1 | "20080043858".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/22 11:06 |
| S2 | 1 | "6658063".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/22 11:07 |
| S5 | 315 | (preamble with (after or following)) same ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:56 |
| S6 | 9 | (preamble with (after or following) with ((cyclic adj prefix) or CP)) same ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:57 |
| S7 | 31 | (preamble with (after or following) with ((cyclic adj prefix) or CP)) and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:57 |
| S8 | 10 | ("20020086707" "20020111158" "20030039218" "20030039219" "20030039220" "20030039226" "20030039227" "20030169824" "20040066773" "20040208253").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 15:03 |
| S9 | 71 | (preamble with ((cyclic adj prefix) or CP or (guard adj interval) or GI)) same repeat\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 15:13 |
| S10 | 65 | S9 and ofdm | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 15:13 |
| S11 | 472 | ofdm and (((cycl\$2 adj prefix) or CP) with (zero or "0")) | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:11 |
| S12 | 101 | ofdm and (((cycl\$2 adj prefix) or CP) with (zero or "0") with length) | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:11 |
| S13 | 95 | preamble with (phase \$1shift\$2 or (phase near4 shift\$3)) with time | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:45 |
| S14 | 5 | S13 same repeat\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:45 |
| S15 | 0 | S13 and ((pilot adj (carrier\$1 or sub \$1carrier)) with offset \$1) | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:48 |

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| S16 | 1 | S13 and ((carrier\$1 or sub\$1carrier) with offset \$1 with (different or varying)) | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:49 |
| S17 | 79 | "adjacent" same ((carrier\$1 or sub \$1carrier) with offset\$1 with (different or varying)) | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:56 |
| S18 | 13 | S17 and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 08:56 |
| S19 | 4 | (cross\$1correlat\$3 same absolute same synchroniz\$5) and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 10:38 |
| S20 | 6 | (cross\$1correlat\$3 with absolute with threshold) and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 10:46 |
| S21 | 6 | ((cross\$1correlat\$3 with absolute) same threshold) and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 10:51 |
| S22 | 44 | ((cross\$1correlat\$3 with absolute) same threshold) | US-PGPUB; USPAT | OR | ON | 2009/04/23 10:51 |
| S23 | 8 | S22 and (frame adj synchronization) | US-PGPUB; USPAT | OR | ON | 2009/04/23 10:51 |
| S24 | 1 | "20080316911".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/23 11:50 |
| S25 | 2 | S22 and (cell adj search \$3) | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:43 |
| S26 | 1 | S22 and (chip adj synchroniz\$5) | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:45 |
| S27 | 1 | (cross\$1correlat\$3 with threshold) same (cell adj search\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:47 |
| S28 | 7 | (cross\$1correlat\$3 with threshold) and (cell adj search\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:47 |
| S29 | 137 | normaliz\$5 same cross \$1correlat\$3 same power | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:55 |
| S30 | 24 | S29 and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:55 |
| S31 | 11 | S30 and multiply\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/23 15:18 |

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|-----|----|---|--------------------|----|----|---------------------|
| S32 | 2 | S29 same multiply\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/23 15:19 |
| S33 | 61 | S29 and multiply\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/23 15:19 |
| S34 | 43 | hard\$1limit\$3 and cross \$correlat\$3 and ofdm | US-PGPUB; USPAT | OR | ON | 2009/04/23 15:53 |
| S35 | 16 | hard\$1limit\$3 same cross\$correlat\$3 and "375"/\$3.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/23 15:58 |

4/ 27/ 2009 11:52:23 AM

**C:\ Documents and Settings\ Lnguyen35\ My Documents\ EAST\ Workspaces\ 10584716
- OFDM constructing frame with preamble and CP.wsp**